

T491, Tantalum, MnO2 Tantalum, 15 uF, 10%, 35 VDC, SMD, MnO2, Molded, 1 Ohms, 6032, Height Max = 2.8mm




Dimensions

Footprint	6032
L	6mm +/-0.3mm
W	3.2mm +/-0.3mm
H	2.5mm +/-0.3mm
T	0.13mm REF
S	1.3mm +/-0.3mm
F	2.2mm +/-0.1mm
A	2.9mm MIN
B	0.5mm +/-0.15mm
E	2.4mm REF
G	2.8mm REF
P	0.9mm REF
R	1mm REF
X	0.1mm +/-0.1mm

Packaging Specifications

Weight:	224.48 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information

Series:	T491
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded
RoHS:	No
Prop 65:	 WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Coated
AEC-Q200:	No
Shelf Life:	156 Weeks
MSL:	1

Specifications

Capacitance:	15 uF
Capacitance Tolerance:	10%
Voltage DC:	35 VDC (85C), 23.45 VDC (125C)
Temperature Range:	-55/+125°C
Rated Temperature:	85°C
Dissipation Factor:	6% 120Hz 20C
Failure Rate:	N/A
Resistance:	1 Ohms (100kHz)
Ripple Current:	332 mA (rms, 100kHz 25C), 298.8 mA (rms, 85C), 132.8 mA (rms, 125C)
Leakage Current:	5.3 uA (5min 20°C)